

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/560,956 A  
Source: IFWP  
Date Processed by STIC: 10/10/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 10/10/2006

PATENT APPLICATION: US/10/560,956A

TIME: 14:29:42

Input Set : A:\MKC-008 substitute sequence listing.txt

Output Set: N:\CRF4\10102006\J560956A.raw

3 <110> APPLICANT: Lockyer, Peter

5 <120> TITLE OF INVENTION: Methods for identifying compounds interacting  
with small

6       membrane-bound GTP-ases

8 <130> FILE REFERENCE: MKC-008

10 <140> CURRENT APPLICATION NUMBER: 10/560,956A

11 <141> CURRENT FILING DATE: 2005-12-15

13 <150> PRIOR APPLICATION NUMBER: GB0314980.4

14 <151> PRIOR FILING DATE: 2003-06-26

16 <160> NUMBER OF SEQ ID NOS: 17

18 <170> SOFTWARE: PatentIn version 3.3

21 <210> SEQ ID NO: 1

22 <211> LENGTH: 6

23 <212> TYPE: PRT

24 <213> ORGANISM: Artificial sequence

26 <220> FEATURE:

27 <223> OTHER INFORMATION: CAPRI activating peptide (pseudo-RACK1)

29 <400> SEQUENCE: 1

31 Cys Val Glu Ala Trp Asp

32 1                   5

35 <210> SEQ ID NO: 2

36 <211> LENGTH: 18

37 <212> TYPE: DNA

38 <213> ORGANISM: Artificial sequence

40 <220> FEATURE:

41 <223> OTHER INFORMATION: Coding sequence for SEQ ID NO: 1 CVEAWD (667-684  
of Genbank AY029

42       206)

44 <400> SEQUENCE: 2

45 tgcgtggagg cctgggac

48 <210> SEQ ID NO: 3'

49 <211> LENGTH: 13

50 <212> TYPE: PRT

51 <213> ORGANISM: Artificial sequence

53 <220> FEATURE:

54 <223> OTHER INFORMATION: CAPRI inhibitory peptide (C2-2)

56 <400> SEQUENCE: 3

58 Lys Asp Arg Asn Gly Thr Ser Asp Pro Phe Val Arg Val

59 1                   5                   10

62 <210> SEQ ID NO: 4

63 <211> LENGTH: 39

64 <212> TYPE: DNA

65 <213> ORGANISM: Artificial sequence

67 <220> FEATURE:

18

68 <223> OTHER INFORMATION: Coding sequence for SEQ ID NO: 3 KDRNGTSDPFVRV  
(520-558 of Genban

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69      k AY029206)
71 <400> SEQUENCE: 4
72 aaggaccgca atggcacatc tgacccttc gtccgagtg      39
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 9
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: CAPRI inhibitory peptide (C2-4)
83 <400> SEQUENCE: 5
85 Ser Cys Tyr Pro Arg Trp Asn Glu Thr
86 1      5
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 27
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Coding sequence for SEQ ID NO: 5 SCYPRWNET (601-
627 of Genbank AY
96      029206)
98 <400> SEQUENCE: 6
99 tcatgctacc cagctggaa tgagacg      27
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 6
104 <212> TYPE: PRT
105 <213> ORGANISM: Artificial sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: RASAL activating peptide (pseudo-RACK1)
110 <400> SEQUENCE: 7
112 Arg Val Glu Leu Trp Asp
113 1      5
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 18
118 <212> TYPE: RNA
119 <213> ORGANISM: Artificial sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Coding sequence for SEQ ID NO: 7 RVELWD (882-899
of Genbank NM_00
123      4658)
125 <400> SEQUENCE: 8
126 cggguggagc ucugggac      18
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 9
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: RASAL inhibitory peptide (C2-4)
137 <400> SEQUENCE: 9
139 Thr Arg Phe Pro His Trp Asp Glu Val
140 1      5
143 <210> SEQ ID NO: 10

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144 <211> LENGTH: 27
145 <212> TYPE: RNA
146 <213> ORGANISM: Artificial sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Coding sequence for SEQ ID NO: 9 TRFPHWDEV (816-
842 of GenBank NM
150      _004658)
152 <400> SEQUENCE: 10
153 acucgcuucc cgcacuggga ugaagug                                27
156 <210> SEQ ID NO: 11
157 <211> LENGTH: 13
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: RASAL inhibitory peptide (C2-4)
164 <400> SEQUENCE: 11
166 Arg Asp Ile Ser Gly Thr Ser Asp Pro Phe Ala Arg Val
167 1          5          10
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 45
172 <212> TYPE: RNA
173 <213> ORGANISM: Artificial sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Coding sequence for SEQ ID No: 11 RDISGTSDPFARV
(729-773 of GenBa
177      nk NM_004658)
179 <400> SEQUENCE: 12
180 gcucccagag acaucucugg cacaucugac ccauuugcac gugug                                45
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 91
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: PKCbeta C2B domain peptide
191 <400> SEQUENCE: 13
193 Leu Ile Val Leu Val Arg Asp Ala Lys Asn Leu Val Pro Met Asp Pro
194 1          5          10          15
197 Asn Gly Leu Ser Asp Pro Tyr Val Lys Leu Lys Leu Ile Pro Asp Pro
198      20          25          30
201 Lys Ser Glu Ser Lys Gln Lys Thr Lys Thr Ile Lys Cys Ser Leu Asn
202      35          40          45
205 Pro Glu Trp Asn Glu Thr Phe Arg Phe Gln Leu Lys Glu Ser Asp Lys
206      50          55          60
209 Asp Arg Arg Leu Ser Val Glu Ile Trp Asp Trp Asp Leu Thr Ser Arg
210 65          70          75          80
213 Asn Asp Phe Met Gly Ser Leu Ser Phe Gly Ile
214      85          90
217 <210> SEQ ID NO: 14
218 <211> LENGTH: 85
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial sequence

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Input Set : A:\MKC-008 substitute sequence listing.txt

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222 <220> FEATURE:
223 <223> OTHER INFORMATION: CAPRI peptide
225 <400> SEQUENCE: 14
227 Leu Arg Cys Ser Val Leu Glu Ala Arg Asp Leu Ala Pro Lys Asp Arg
228 1          5          10          15
231 Asn Gly Thr Ser Asp Pro Phe Val Arg Val Arg Tyr Lys Gly Arg Thr
232          20          25          30
235 Arg Glu Thr Ser Ile Val Lys Lys Ser Cys Tyr Pro Arg Trp Asn Glu
236          35          40          45
239 Thr Phe Glu Phe Glu Leu Gln Glu Gly Ala Met Glu Ala Leu Cys Val
240          50          55          60
243 Glu Ala Trp Asp Trp Asp Leu Val Ser Arg Asn Asp Phe Leu Gly Lys
244 65          70          75          80
247 Val Val Ile Asp Val
248          85
251 <210> SEQ ID NO: 15
252 <211> LENGTH: 11
253 <212> TYPE: PRT
254 <213> ORGANISM: Artificial sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: GAP1^m segment peptide
259 <400> SEQUENCE: 15
261 Thr Val Cys Gln Gln Leu Val Val His Ile Lys
262 1          5          10
265 <210> SEQ ID NO: 16
266 <211> LENGTH: 44
267 <212> TYPE: PRT
268 <213> ORGANISM: Artificial sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: GAP1^m segment peptide
273 <400> SEQUENCE: 16
275 Leu Pro Leu Ile Asn Gly Gln Ser Cys Asp Pro Tyr Ala Thr Val Ser
276 1          5          10          15
279 Leu Val Gly Pro Ser Arg Asn Asp Gln Lys Lys Thr Lys Val Lys Lys
280          20          25          30
283 Lys Thr Ser Asn Pro Gln Phe Asn Glu Ile Phe Tyr
284          35          40
287 <210> SEQ ID NO: 17
288 <211> LENGTH: 36
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: GAP1^m segment peptide
295 <400> SEQUENCE: 17
297 Phe Gln Val Glu Glu Glu Asp Ile Glu Lys Leu Glu Ile Arg Ile Asp
298 1          5          10          15
301 Leu Trp Asn Asn Gly Asn Leu Val Gln Asp Val Phe Leu Gly Glu Ile
302          20          25          30
305 Lys Val Pro Val

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**VERIFICATION SUMMARY**

DATE: 10/10/2006

PATENT APPLICATION: US/10/560,956A

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Input Set : A:\MKC-008 substitute sequence listing.txt

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